

We Claim:

1. A method for backing up data stored in a working memory of a computer given an interruption of a power supply of the computer, the method which comprises:

whenever the computer will be switched into a power saving mode, automatically storing data, which is in the working memory, into a non-volatile memory.

2. The method according to claim 1, wherein:

the power saving mode is an ACPI S3 mode or an APM *suspend to RAM* mode in which the data are deposited in the working memory or a main memory.

3. The method according to claim 1, which further comprises:

performing the step of automatically storing data by starting an operating-system-independent routine that writes the data from the working memory into the non-volatile memory.

4. The method according to claim 3, which further comprises:

after performing the step of automatically storing data, switching the computer into the power saving mode by having the routine write a specified value into a hardware register.

5. The method according to claim 1, which further comprises:

given that the power supply has been interrupted in the power saving mode, upon restarting the computer, automatically loading the data from the non-volatile memory.